

### Abstract

The invention concerns the geNo.mic sequence and cDNA sequences of the *PCTA-1* gene. The invention also concerns biallelic markers of the *PCTA-1* gene and the association established between these markers and prostate cancer. The invention provides means to determine the predisposition of individuals to prostate cancer as well as means for the diagNo.sis of prostate cancer and for the progNo.sis/detection of an eventual treatment response to agents acting against prostate cancer.

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